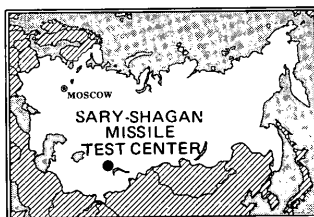
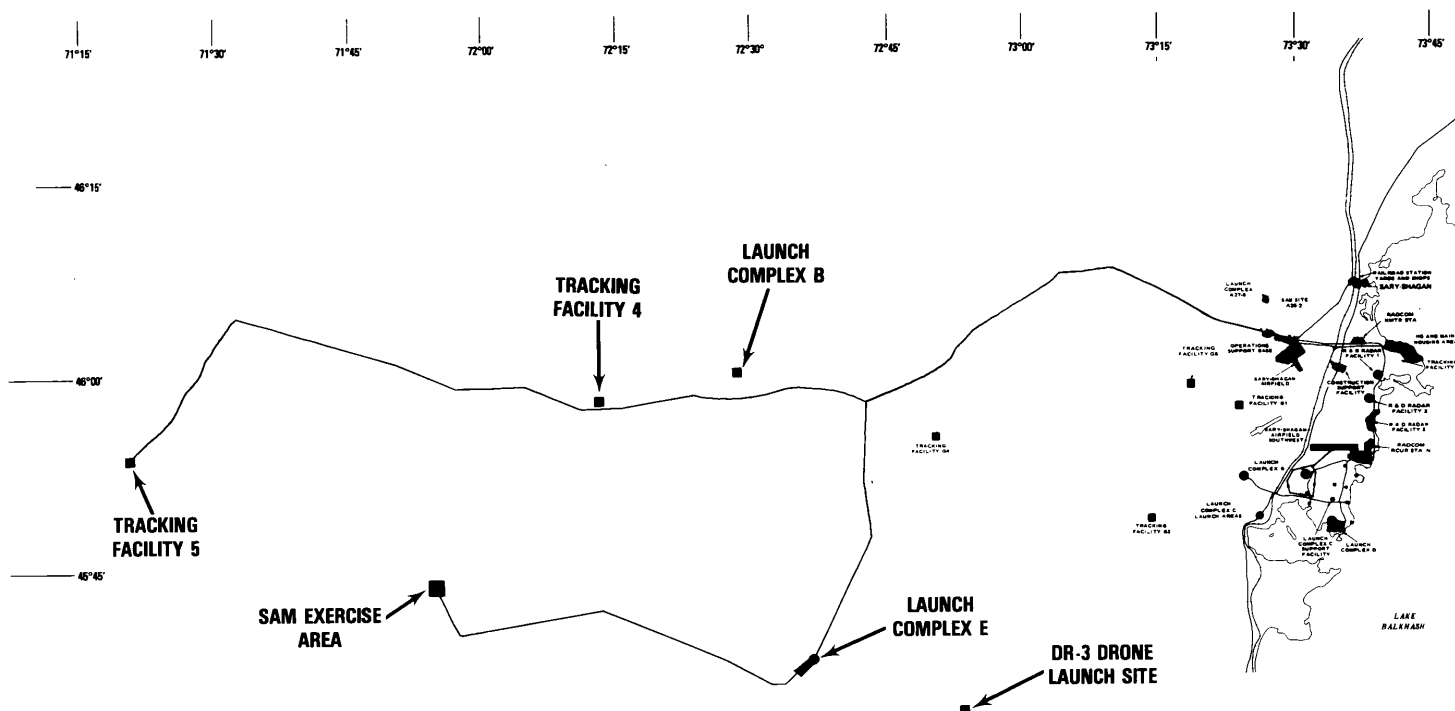


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**SAM AIR DEFENSE EXERCISE**  
**SARY SHAGAN MISSILE TEST CENTER, USSR**



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NPIC/IEG (10/82)

27 OCTOBER 1982

SAM AIR DEFENSE EXERCISE  
SARY-SHAGAN MISSILE TEST CENTER, USSR

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1. (SWN) SIGNIFICANCE: FIRST COMPLETE OBSERVATION OF THE LARGE SAM AIR DEFENSE EXERCISE WHICH WAS CONDUCTED AT SARY-SHAGAN IN LATE AUGUST AND EARLY SEPTEMBER.
2. (SWN) REMARKS: THE ENTIRE LARGE SAM AIR DEFENSE EXERCISE AT SARY-SHAGAN WAS OBSERVED DURING AUGUST - SEPTEMBER 1982. THE EXERCISE TOOK PLACE IN TWO AREAS AT SARY-SHAGAN. ONE PART WAS AT LAUNCH COMPLEX E AND THE OTHER WAS 28 NM WEST-NORTHWEST OF LAUNCH COMPLEX E. SA-4, SA-10, AND SA-11 MISSILE UNITS WERE DEPLOYED AT LAUNCH COMPLEX E AND SA-6B, SA-8, AND SA-9 MISSILE UNITS WERE DEPLOYED IN THE SAM EXERCISE AREA TO THE WEST (GRAPHIC 1).

## LAUNCH COMPLEX E (GRAPHICS 2-5)

(SWN) AT LAUNCH COMPLEX E, THE SA-4 MISSILE UNITS WERE DEPARTING A FIELD SITE, 2.5 NM NORTH-NORTHEAST OF LAUNCH COMPLEX E SAM TRAINING FACILITY D19-5 [REDACTED] ON 27 AUGUST THEY WERE DEPLOYED AT A FIELD SITE 10.5 NM NORTH-NORTHEAST OF D19-5 WHERE THEY REMAINED [REDACTED] THEY WERE DEPARTING LAUNCH COMPLEX E [REDACTED]

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(SWN) THE SA-10 MISSILE UNITS WERE DEPLOYED 2.0 NM NORTH-NORTHEAST OF D19-5 AND REMAINED THERE [REDACTED] WHEN THEIR DEPARTURE FROM THE AREA HAD BEGUN.

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(SWN) THE SA-11 MISSILE UNITS WERE DEPLOYED 1.8 NM NORTH-NORTHEAST OF D19-5 THROUGHOUT THE EXERCISE AND DEPARTED ON [REDACTED]

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## SAM EXERCISE AREA (GRAPHICS 6-10)

(SWN) THE SA-6B AND SA-8 MISSILE UNITS LEFT LAUNCH COMPLEX E [REDACTED] AND WERE DEPLOYED IN THE SAM EXERCISE AREA 28 NM WEST-NORTHWEST OF LAUNCH COMPLEX E BY 30 AUGUST. ALSO [REDACTED] SA-9 MISSILE UNITS WERE DEPLOYED IN THE SAM EXERCISE AREA.

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Intelligence Sources  
and Methods Involved

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(SWN) THE MISSILE UNITS IN THE SAM EXERCISE AREA WERE ALONG A NORTHWEST/SOUTHEAST LINE WITH THE SA-8 AND SA-9 UNITS IN THE CENTER AND SA-6B UNITS ON EITHER SIDE. ALL THE MISSILE UNITS WERE ORIENTED TO LAUNCH IN A SOUTHWEST DIRECTION.

(SWN) AN ARMY FIELD COMMAND POST CONSISTING OF AN ARMY OPERATIONS SUPPORT GROUP BUNKER, A COMMAND CENTER, AND A COMBAT CONTROL CENTER WAS BEHIND THE LINE OF SAMs.

(SWN) THE SAM MISSILE UNITS AND THE ARMY FIELD COMMAND POST DEPARTED THE SAM EXERCISE AREA BETWEEN \_\_\_\_\_

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(SWN) \_\_\_\_\_ ACTIVITY WAS OBSERVED AT THE SA-1 LAUNCH SITES AT TRACKING FACILITIES 4 \_\_\_\_\_ WHICH INDICATED THAT AT LEAST 13 SA-1 MISSILES WERE LAUNCHED (GRAPHIC 1). THERE WAS AN INCREASE IN THE NUMBER OF SA-1 MISSILES AT BOTH TRACKING FACILITIES JUST PRIOR \_\_\_\_\_ AND A DECREASE \_\_\_\_\_ THERE WERE EIGHT LESS MISSILES AT TRACKING FACILITY 4 AND FIVE LESS AT TRACKING FACILITY 5. THE 13 SA-1 MISSILES WERE PROBABLY USED AS TARGETS DURING THE EXERCISE.

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(SWN) A FIELD-DEPLOYED DR-3 DRONE LAUNCH SITE WAS 14 NM EAST-SOUTHEAST OF D19-5 AT 45-34-36N 072-53-04E (GRAPHIC 1). THE SITE CONSISTED OF SEVEN DR-3 TRANSPORTER-ERECTOR-LAUNCHERS (TELS) AND SEVEN RESUPPLY VEHICLES. SIX OF THE TELS WERE DEPLOYED FACING TOWARDS THE WEST. THESE LOW-ALTITUDE DRONES WHICH CAN SIMULATE US CRUISE MISSILES WERE PROBABLY USED AS TARGET VEHICLES DURING THE AIR DEFENSE EXERCISE. THEY WERE AT THIS LOCATION \_\_\_\_\_ BUT HAD DEPARTED THE AREA \_\_\_\_\_

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3. (S) \_\_\_\_\_ COORDINATES 45-38-15N 072-35-35E  
BE NONE, COORDINATES 45-43-25N 071-55-00E (CENTRAL REFERENCE POINT)

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